EXERCISES

1. Find two consecutive integers whose sum is:
   a. 61   b. 35   c. 91   d. 125   e. −17   f. −81
2. Find three consecutive integers whose sum is:
   a. 18   b. 48   c. 99   d. 0   e. −12   f. −57
3. Find four consecutive integers whose sum is 234.
4. Find two consecutive even integers whose sum is:
   a. 22   b. 38   c. 146   d. 206   e. −10   f. −34
5. Find three consecutive even integers whose sum is:
   a. 12   b. 48   c. 156   d. 258   e. −18   f. −60
6. Find four consecutive even integers whose sum is 60.
7. Find three consecutive odd integers whose sum is:
   a. 33   b. 45   c. 159   d. 615   e. −27   f. −105
8. Find four consecutive odd integers whose sum is 112.
9. Find three consecutive integers such that the sum of the first and the third is 40.
10. Find four consecutive integers such that the sum of the second and fourth is 132.
11. Find two consecutive odd integers such that four times the larger is 29 more than three times the smaller.
12. Find two consecutive even integers such that twice the smaller is 26 less than three times the larger.
13. Find three consecutive integers such that twice the smallest is 12 more than the largest.
14. Find three consecutive integers such that the sum of the first two integers is 24 more than the third integer.
15. Find three consecutive even integers such that the sum of the smallest and twice the second is 20 more than the third.
16. Find two consecutive integers such that 4 times the larger exceeds 3 times the smaller by 23.
17. Find four consecutive odd integers such that the sum of the first three exceeds the fourth by 18.
18. Find three positive consecutive odd integers such that the largest decreased by three times the second is 47 less than the smallest.
19. Is it possible to find 3 consecutive even integers whose sum is 40? Why?
20. Is it possible to find 3 consecutive odd integers whose sum is 59? Why?